

In The Drawings:

Please amend the Drawings as follows:

Please replace the FIG. 12 and FIG. 13 sheets with the attached Replacement Sheets.

In FIG. 12, add “(PRIOR ART)” to the FIG. 12 label.

In FIG. 13, add “(PRIOR ART)” to the FIG. 13 label.

REMARKS

Applicant thanks the Examiner for acknowledging the claim for foreign priority and receipt of all the priority documents.

Applicant thanks the Examiner for acknowledging receipt of the IDS filed on July 14, 2006, for considering all of the references cited therein, and for providing the initialed copy of the Form PTO-1449.

Applicant submits hereby this Response and Amendment in response to the Office Action having mail date of June 1, 2007. This Response and Amendment is being mailed or faxed on September 4, 2007, which is within the 3 month time limit because September 1 was a Saturday and Monday, September 3 was a Federal Holiday (Labor Day).

Claims 1-12 have been examined. The Applicant thanks the Examiner for indicating that claims 3-8 and 10 contain allowable subject matter.

In Item 3 of the Office Action, the Examiner objected to the drawings under 37 CFR 1.83(a) for not showing the “multi-layer structure that incorporates at least filter element.” This objection is respectfully traversed. However, to expedite allowance and issuance of the present claims and patent application, Applicant has canceled claim 11 that contained this language. Therefore, this objection is overcome.

In Item 4 of the Office Action, the Examiner indicated that Figures 12 and 13 should be labeled “Prior Art” because only that which is old is illustrated. This objection is respectfully traversed. Applicant notes that Fig. 12 and 13 reflect samples created by the Applicant for comparison purposes and there are dimensions on Fig. 12 and results shown in Fig. 13 that Applicant is not certain to have been made in the prior art.

However, to expedite allowance of the present application, Applicant submits herewith a letter and two replacement sheets of drawings to annotate Fig. 12 and Fig. 13 as Prior Art as requested by the Examiner. Applicant respectfully request the Examiner's approval of these changes to the figures and submission of the two replacement sheets of drawings including these changes.

In Item 5 of the Office Action, the Examiner objected to the Abstract because it included reference characters which are not enclosed in parentheses. Applicant herein has amended the Abstract to eliminate the reference characters. Therefore, the Examiner's objection has been overcome.

In Item 7 of the Office Action, the Examiner rejected claims 1-2 and 9 under 35 USC 102(b) as being anticipated by Kaloi (U.S. Pat. 4,051,478). In Item 9 of the Office Action, the Examiner rejected claim 11 under 35 USC 103(a) as being unpatentable over Kaloi (U.S. Pat. 4,051,478) in view of Koert et al. (US Pat. 5,218,374). In Item 10 of the Office Action, the Examiner rejected claim 12 under 35 USC 103(a) as being unpatentable over Kaloi (U.S. Pat. 4,051,478) in view of Tuttle et al. (US Pat. 6,375,780). These rejections are respectfully traversed. Further, in Item 11 of the Office Action, the Examiner noted that claims 3-8 and 10 contain allowable subject matter. To expedite allowance of the present application, Applicant has cancelled claims 1, 2, 9, 11, and 12 without prejudice or disclaimer, has amended claims 3 and 8 to be in independent form and include all the limitations of the base claims (claim 1) and any intervening claims (claim 2 intervening claims 1 and 3), and has added new claims 13-22, dependent on amended claims 3 and 8, so as to more completely claim the invention of the subject application. As such, Applicant respectfully submits that the Examiner's rejections have

been overcome and the revised claims 3-8, 10, and new 13-22 are patentable over Kaloi, Koert et al., and Tuttle et al., either independently or in any combination, based on at least the Examiner's noting that claims 3-8 and 10 contain allowable subject matter.

However, Applicant also believes that original claims 1, 2, 9, 11, and 12 were also patentable over Kaloi, Koert et al., and Tuttle et al. for at least the reason that none of these references teach or suggest a first and the second radiation conductors are asymmetrical with respect to a first line that passes a power-supplying point of the first radiation conductor and a power-supplying point of the second radiation conductor, as recited in claim 1. The Examiner's rejection of claim 1 was insufficient for Applicant to understand how Kaloi meets these limitations as there was not enough detail or specificity given. In reviewing the Kaloi reference, Applicant does not sufficiently understand how the language of the claim would be particularly read on the disclosure of Kaloi and does not believe that Kaloi includes all these recited limitations. Rather than delay the allowance of the amended and new claims, Applicant has decided not to herein argue about these points or have the Examiner more fully and clearly explain the rejection of claim 1. But, Applicant hereby reserves the right to so argue this point (as well as what the other references disclose) at a later time.

In any case, based on the aforementioned, Applicant respectfully submits that claims 3-8, 10, and new 13-22, all the claims now pending in the present application, are patentable over Kaloi, Koert et al., and Tuttle et al., either independently or in any combination, and the Examiner's rejections have been overcome.

As noted above, Applicants have added new claims 13-22 to more completely claim the invention of the subject application. New claims 13-22 are dependent, either

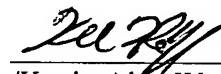
directly or indirectly, on amended independent claims 3 and 8, and are therefore patentable for at least the reasons that claims 3 and 8 are patentable. Further, many of new claims 13 – 22 also include similar limitations to many of claims 4-7 and 10, and are therefore also patentable over the cited and applied references for at least the same reasons that claims 4-7 and 10 are patentable.

Once again, Applicant respectfully request reconsideration of now pending claims 3-8, 10, and 13-22 and believes that all of these claims are allowable. Therefore, Applicant respectfully requests that claims 3-8, 10, and 13-22 be allowed and the present patent application be issued at the earliest possible time.

Although Applicant does not believe that any extension of time or fee is due, Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to the charge card identified in the original patent application filing.

If for any reason the Examiner believes that the present application is not now in condition for allowance, the Examiner is requested to contact the undersigned at the telephone number listed below or on my mobile telephone at 703-731-7220.

Respectfully submitted,



/Kevin Alan Wolff/

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